Noise & Flight Track Monitoring Report

Energy, Environment & Utilities Department
June 2022
Executive Summary
June 2022

Number of movements in June recorded in the NFTMS* system

• There were 19,507 movements in June associated with Dublin airport. Of those;
  • 9,765 were arriving aircraft
  • 9,736 were departing aircraft
  • 6 were Touch and Go (Training) flights

Aircraft Compliance with approved flight routings:

• Just over 99% of Category C/D aircraft flew on track during the month.

Noise Complaints:

• In June, there were 2,610 noise complaints received from 65 individuals by Dublin Airport.
• One individual complainant lodged 2,463 complaints (94% of Dublin Airports total)

* NFTMS is the Noise and Flight Track Monitoring system
Category C/D Aircraft On Track Performance (Rolling 12 Months)

CAT C/D includes all Jet aircraft excluding BAE146 type aircraft
Noise Complaint Analysis By Runway June 2022

- 28 Arr: 43
- 28 Dep: 1612
- 10 Arr: 456
- 10 Dep: 13
- 34 Arr: 0
- 34 Dep: 0
- 16 Arr: 0
- 16 Dep: 0
- Not Specified: 486
Day / Night Noise Complaints By Runway June 2022

Day and Night Noise Complaints

<table>
<thead>
<tr>
<th>Runway</th>
<th>Day Complaints</th>
<th>Night Complaints</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>28</td>
<td>1563</td>
</tr>
<tr>
<td>16</td>
<td>12</td>
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<tr>
<td>16</td>
<td>0</td>
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<tr>
<td>28</td>
<td>8</td>
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<td>480</td>
</tr>
<tr>
<td>Not Specified</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Graph showing the distribution of noise complaints by day and night for each runway.
Complainant Analysis By Area June 2022

- Artane: 1
- Balbriggan: 1
- Ballyboughal: 1
- Blackrock: 1
- Blanchardstown: 1
- Clondalkin: 1
- Clongriffin: 1
- Coolock: 2
- Darndale: 1
- Donabate: 1
- Dunboyne: 1
- Finglas: 1
- Hollytown: 1
- Kilcock: 1
- Lusk: 2
- Malahide: 1
- Ongar: 6
- Portmarnock: 5
- Shankill: 3
- St Margaret's: 4
- Swords: 4
- The Ward: 2
- Tyrellstown: 2
- Unknown: 2
Noise Complaint Analysis Rolling 12 Months

![Graph showing noise complaints from July 2021 to June 2022. The y-axis represents the number of complaints ranging from 0 to 3000, and the x-axis represents the months from Jul-21 to Jun-22. The graph includes bars for both people and complaints, with people represented by yellow bars and complaints by green bars. The highest number of complaints is in May-22 with 2630 complaints, followed by Jun-22 with 2610 complaints.]
Complainants Analysis 2021 V 2022

This is the number of unique individual complainants during the reporting period.
Noise Complaints Analysis 2021 V 2022

![Graph showing noise complaints by month for 2021 and 2022.]

<table>
<thead>
<tr>
<th></th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-Jun</td>
<td>3,797</td>
<td>13,083</td>
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</table>

[Table showing noise complaints by month for 2021 and 2022, with the months being January to December.]
Noise Complaints Versus Off track Complaints June 2022

2600 Noise Complaints

10 Off Tracks Complaints
Noise Event Type Analysis By Runway June 2022

The chart illustrates the number of noise events by runway type and event type. The x-axis represents the runway number with 'Arrival' and 'Departure' for runway 10 and 'No Runway' for runway 28. The y-axis represents the number of events.

- **Aircraft Types**:
  - **Ground Noise**: Events directly associated with the ground.
  - **Noisy Aircraft**: Events where the aircraft is noisy but not necessarily off-track.
  - **Low and Noisy**: Events where the aircraft is both low and noisy.
  - **Low and off track**: Events where the aircraft is both low and off track.
  - **Low Flying**: Events where the aircraft is flying low but not necessarily off track.
  - **Off Track (Specified)**: Events where the aircraft is off track but not necessarily noisy.
  - **Off Track and Noisy**: Events where the aircraft is both off track and noisy.
  - **Other**: Events that do not fit into the specified categories.

The chart shows a significant number of events on runway 28, with the majority of these being Noisy Aircraft. Runway 10 has a smaller number of events, primarily focused on Ground Noise and Noisy Aircraft. The 'No Runway' category has a moderate number of events, with a mix of the aforementioned types.